

**TAMCO**  
**12459-B Arrow Route**  
**Rancho Cucamonga, CA**  
**91739**

**Prepared by:**

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**ENGINEERING, LLC**  
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**2013 Annual Report**

received  
SDH 3/6/2014

# **2013 Annual Report for Hazardous Waste Exports**

**40CFR § 262.56  
Title 22 CCR §66262.56**

Prepared for:

Jeff Dambrun  
Environmental Manager  
**TAMCO**  
**12459-B Arrow Route**  
**Rancho Cucamonga, CA 91739**

February 2014

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## 1.0 EXPORTER INFORMATION

TAMCO is a steel mini-mill that recycles ferrous scrap metal into concrete reinforcing bars (rebar). Mini-mills use electric arc furnace technology to melt scrap steel into semi-finished steel billets. These billets are then reheated and processed in a rolling mill where they are made into a wide variety of rebar lengths, sizes and grades.

TAMCO recycles over 500,000 tons of steel a year. This steel comes from junked cars, appliances, tin cans, and industrial scrap. More steel is recycled in the United States than glass, aluminum, paper and plastic combined.

TAMCO captures dust emissions from the melting process with an efficient baghouse, thus keeping the dust from entering the atmosphere. Once the dust is captured, the iron, zinc, lead and cadmium in the dust is recycled, which reduces the amount of material that goes to hazardous waste landfills.

### 1.1 EPA Identification Number

CAD982361404

### 1.2 Facility Name

TAMCO

### 1.3 Mailing Address:

P.O. Box 325

Rancho Cucamonga, CA 91739

### 1.4 Site Address:

12459-B Arrow Route

Rancho Cucamonga, CA 91739

## 2.0 CALENDAR YEAR OF REPORT

2013 and revised totals for 2012.



### 3.0 CONSIGNEE INFORMATION

**3.1 EPA Identification Number**

TXR000047670

**3.2 Facility Name**

Zinc Nacional S. A.

**3.3 Mailing Address:**

c/o VDC Corporation

3104 Chelo Street & Highway 57

Eagle Pass, TX 78852

**3.4 Site Address:**

Serafin Pena, 938 Sur

Monterrey, Nueva Leon, Mexico

### 4.0 HAZARDOUS WASTE INFORMATION

**4.1 Description**

Baghouse dust captured from the process of recycling steel with an electric arc-furnace.

**4.2 EPA Federal Hazardous Waste Code**

K061 - Emission control dust/sludge from the primary production of steel in electric furnaces

**4.3 California Hazardous Waste Code**

591 - Baghouse waste

**4.4 DOT Hazard Class**

DOT Hazard Class 9 – Miscellaneous

**4.5 Transporter Information**

*4.5.1 Burlington Northern Santa Fe Railway Company*

3001 Lou Menk Drive

Forth Worth, TX 76131-2815

EPA ID Number: MND048341788

ATTN: David Rodriguez

*4.5.2 Kansas City Southern Railroad*

1610 Woodstead Court

The Woodlands, TX 77380

EPA ID Number: NOD006965859

*4.5.3 Kansas City Southern Mexican Railway Company*

Monterrey, México

Kansas City Southern de Mexico, S.A. de C.V.

Manuel L. Barragán No. 4850 Nte.

Col. Hidalgo

C.P. 64420

EPA ID Number: None

**4.6 Waste Shipments:**

For calendar year 2013, baghouse waste export shipments were 8,981,020 pounds (4,490.51 tons) in a total of 48 shipments.

For calendar year 2012, baghouse waste export shipments were 8,426,280 pounds (4,213.14 tons) in a total of 45 shipments. This revision corrects two shipments made in 2013 that were inadvertently included in the 2012 totals.

**Table 1 - Annual Waste Exported**

<b>Year</b>	<b>Pounds of Baghouse Dust Exported</b>
2012	8,426,280
2013	8,981,020

## **5.0 WASTE REDUCTION EFFORTS**

### **5.1 Efforts Undertaken to Reduce the Volume and Toxicity of Waste**

#### *5.1.1 Reduction in Volume*

Manufacturing steel from recycled steel represents a significant reduction in waste. Annual steel recovery efficiency average is 98.6%. Waste shipments are for additional recycling by metal recovery which continues to represent additional waste volume reductions.

*5.1.2 Reduction in Toxicity*

Inspections of incoming recycled steel continue at the facility preventing the introduction of unwanted materials. No changes can be expected in the Toxicity Characteristics of the baghouse dust.

**5.2 Description of Changes in the Volume and Toxicity of Waste Actually Achieved During the Year in Comparison to the Extent Such Information is Available for Years Prior to 1984.**

Data is not available in years prior to 1984. Current recovery efficiency is stable at an average of 98.6% for the last eight years.

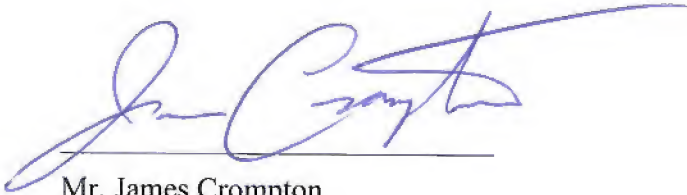
**Table 2 - Annual Recycle Rate**

Year	Pounds of Baghouse Dust	Pounds Produced	Recycle Rate %
2006	14,566,200	1,002,040,000	98.6%
2007	12,720,400	861,392,000	98.5%
2008	14,680,000	886,964,000	98.4%
2009	3,751,600	276,996,000	98.7%
2010	6,096,950	436,988,000	98.6%
2011	6,780,250	409,860,000	98.6%
2012	9,513,530*	671,750,000	98.6%
2013	8,981,020	584,906,000	98.5%
Average			98.6%

*\*2012 Pounds of Baghouse Dust for Recycle Rate calculation includes shipments to domestic locations.*

**6.0 CERTIFICATION BY EXPORTER**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.



Mr. James Crompton  
VP/General Manager





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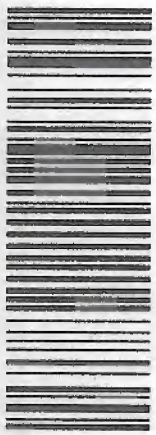
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